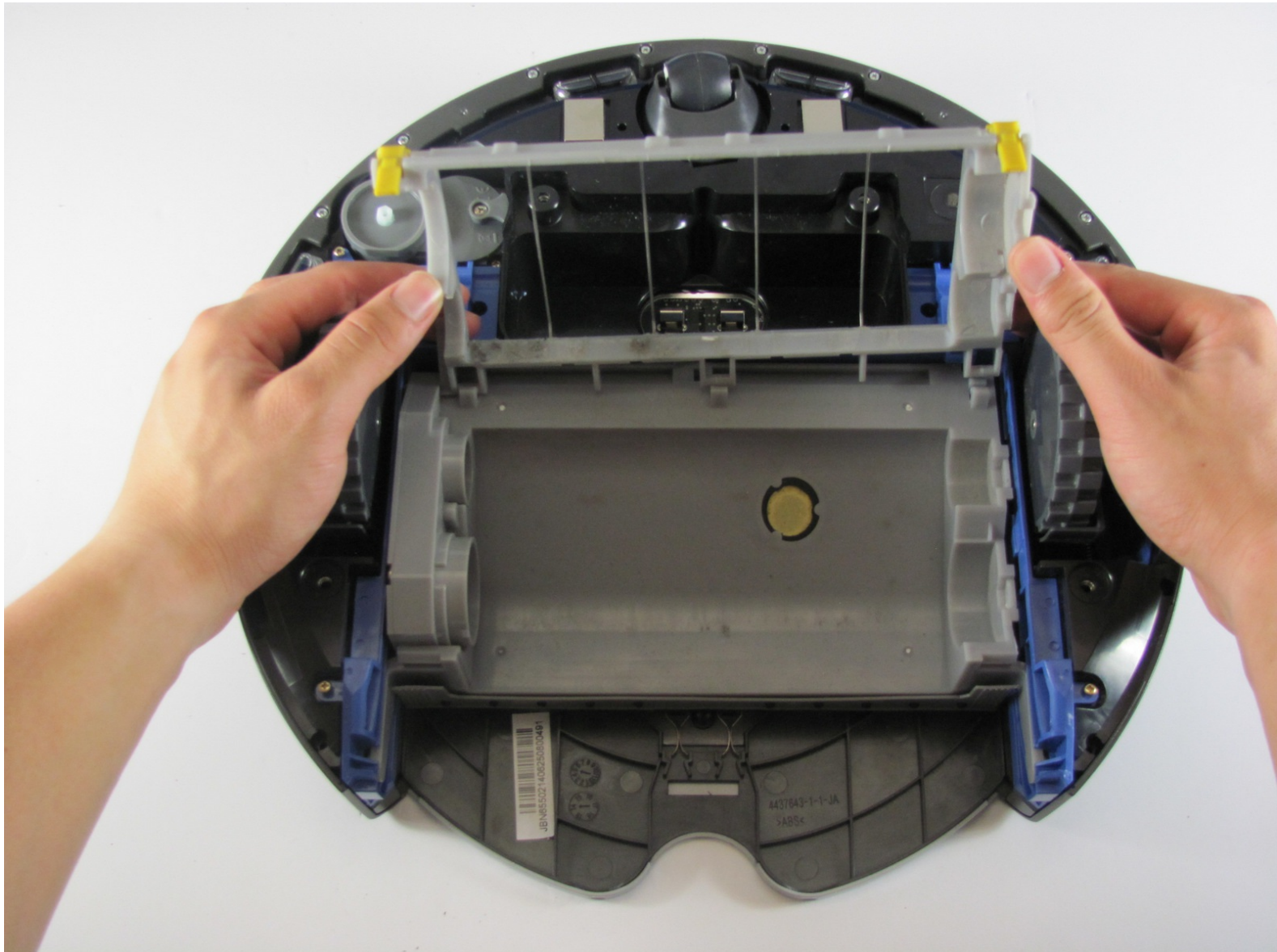




iRobot Roomba 655 Pet Series Brush Motor Replacement

How to access and remove the brush motor on your Roomba.

Written By: Matt Davis



INTRODUCTION

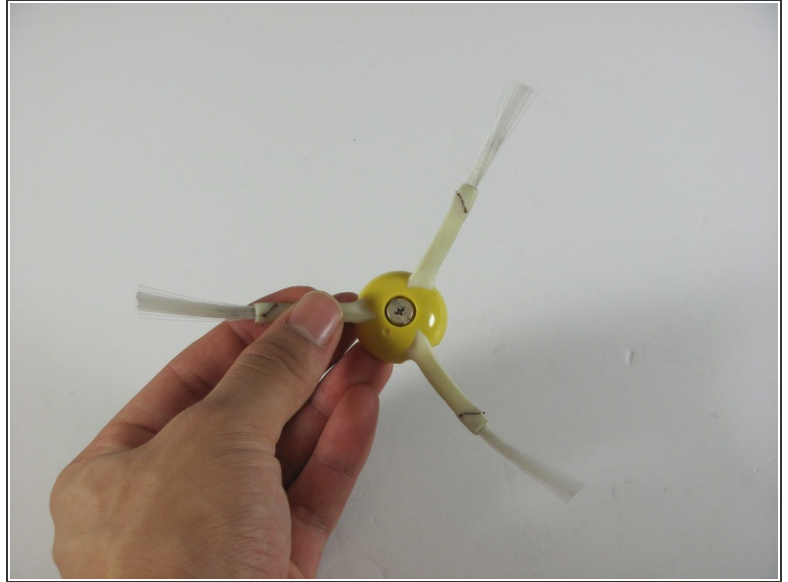
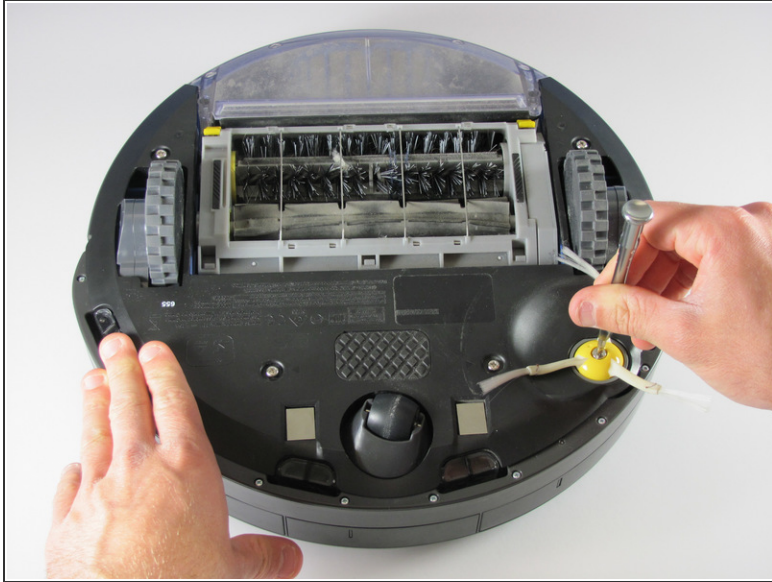
The Brush motor is what keeps your cleaning machine cleaning! These steps take some time and patience is key in order to not harm your device.



TOOLS:

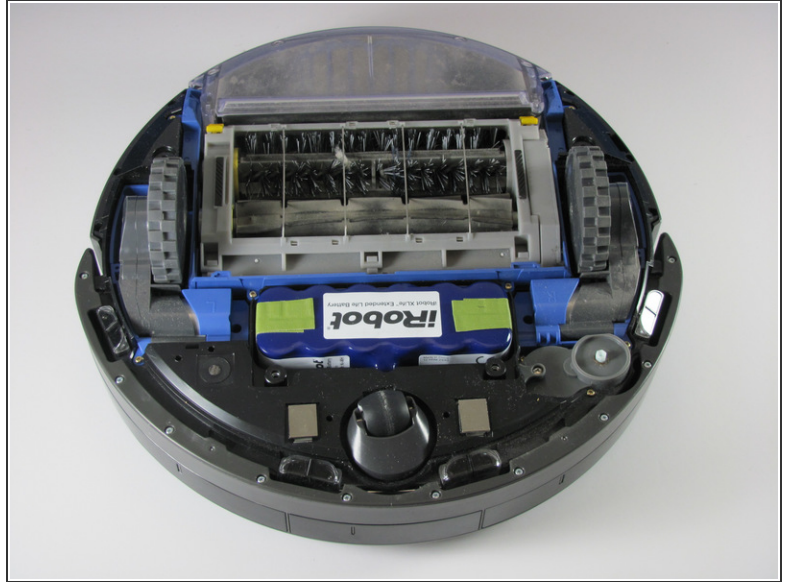
- [Phillips #2 Screwdriver](#) (1)
 - [Spudger](#) (1)
 - [Phillips #0 Screwdriver](#) (1)
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Step 1 — Removing the Side Brush



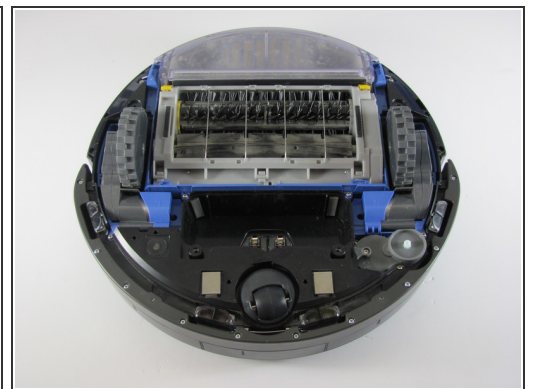
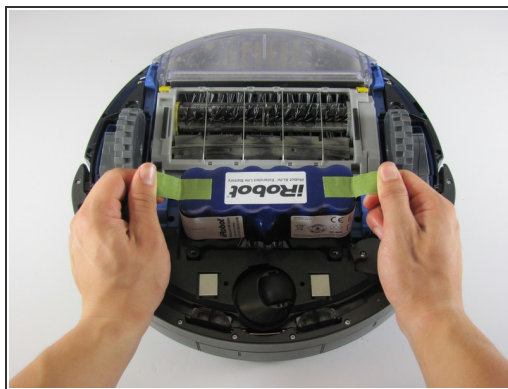
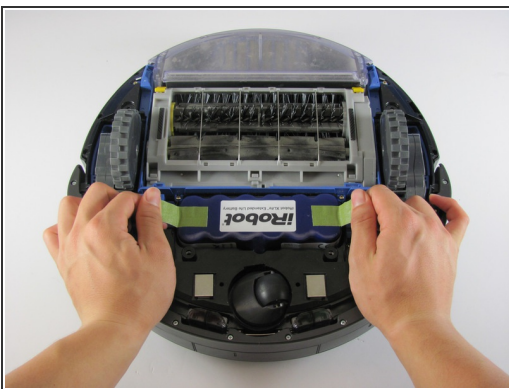
- Flip the device over onto its back
 - Unscrew the single screw that connects the side brush to brush motor using the Phillips head #2 screwdriver
- i** *This screw does not come out of the yellow side brush*

Step 2 — Removing the Back Panel



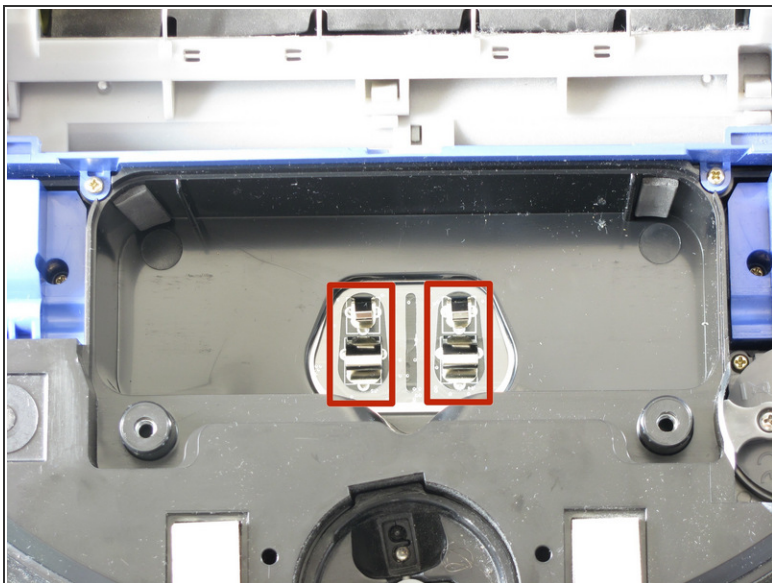
- Remove the four Phillips #1 screws on the back panel.
- Pop off the back plate once the screws are loose by gently prying away from the body
- ⓘ *The screws don't come completely out of the panel, but it will still come apart once unscrewed.*

Step 3 — Removing the Battery



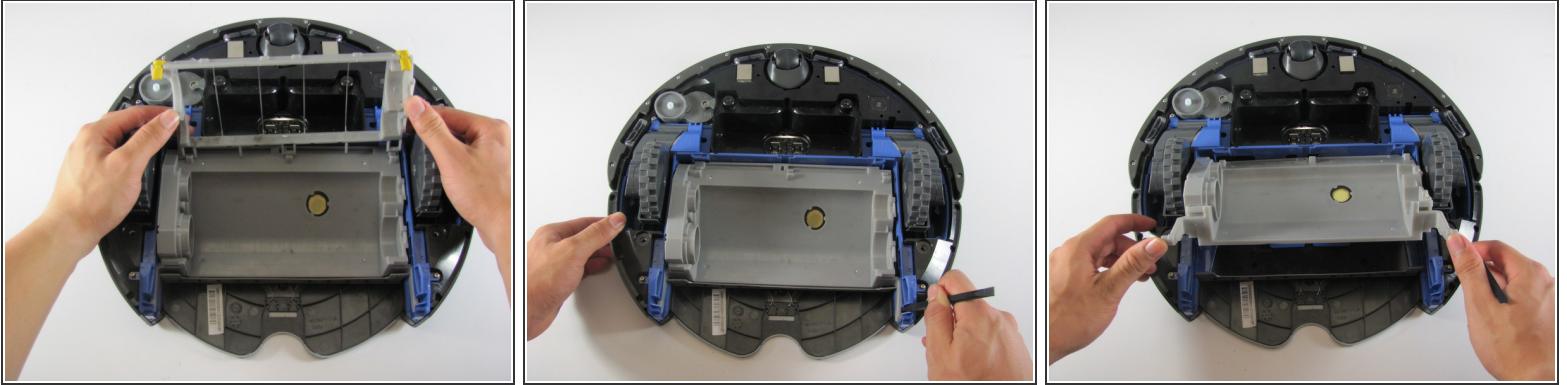
- Grab the two pieces of green tape with your thumb and index finger
- Pull up on the battery in an upwards direction to remove it

Step 4 — Battery Contact Points




- These are the contact points on the Roomba for the battery
- These are the contact points on the battery
- ⓘ If these contact points are dirty, they can be cleaned with a moist microfiber cloth (distilled water recommended)

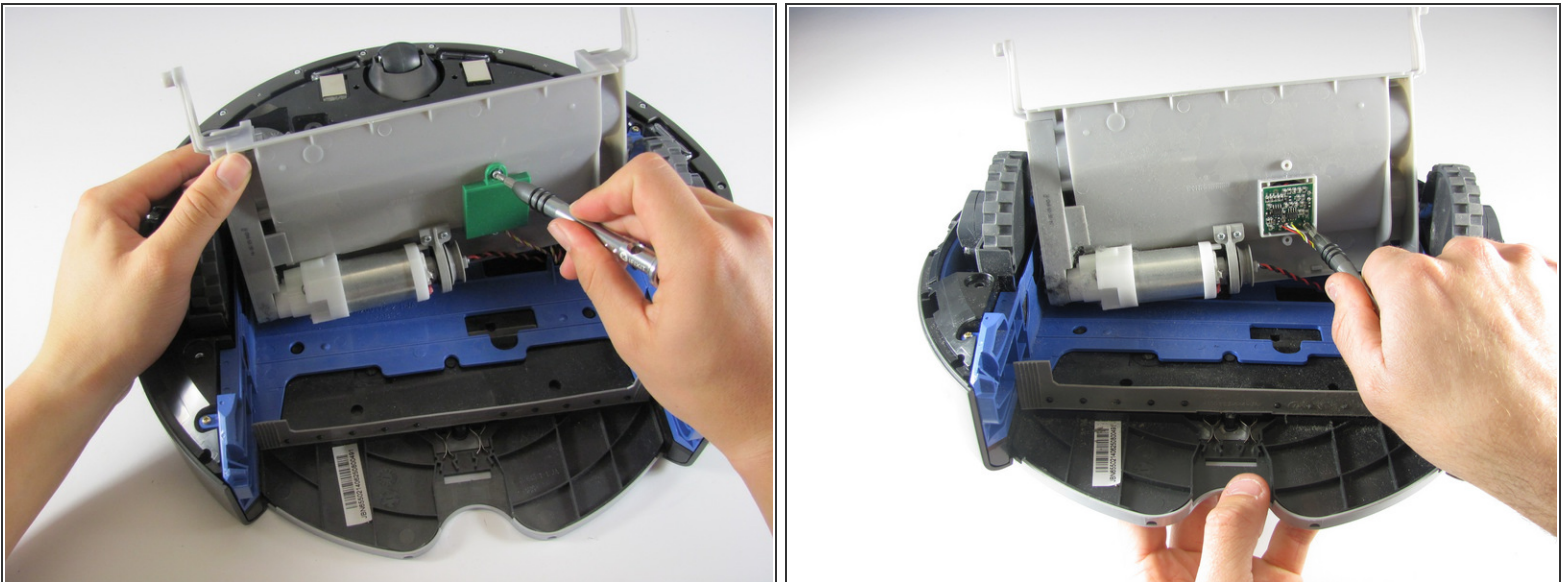
Step 5 — Brush Motor Removal



- Insert a spudger into the side to pop out one side of the brush holder
- Repeat to the other side of the brush holder
- Lift the grey plastic piece up carefully in order to expose the motor

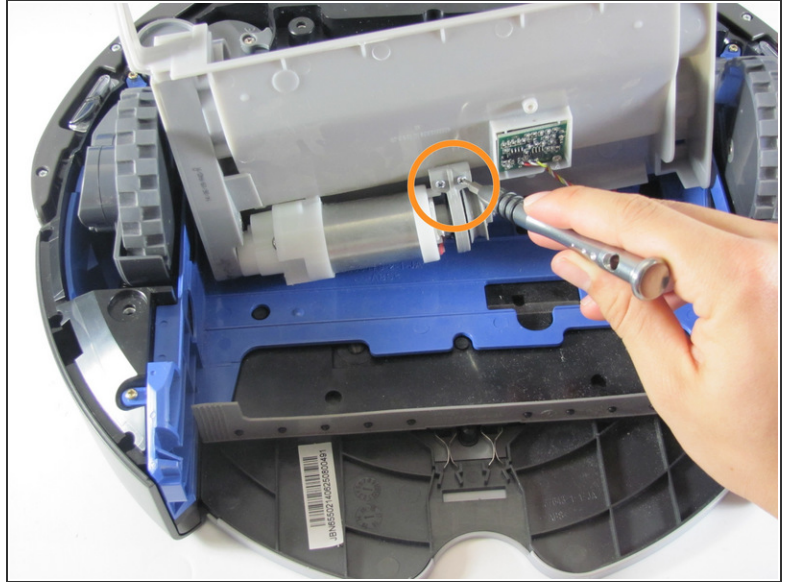
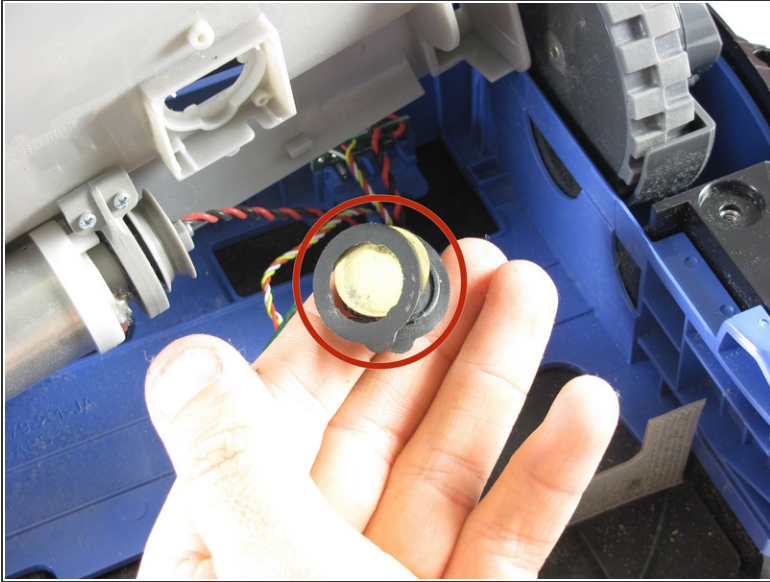
 Do not pull up too hard because you could snap a wire attached to the motor or motor circuit board

Step 6



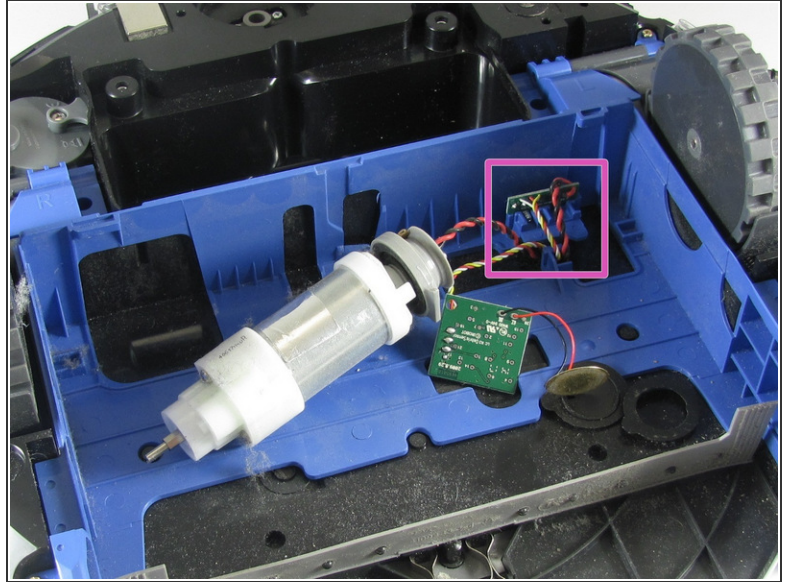
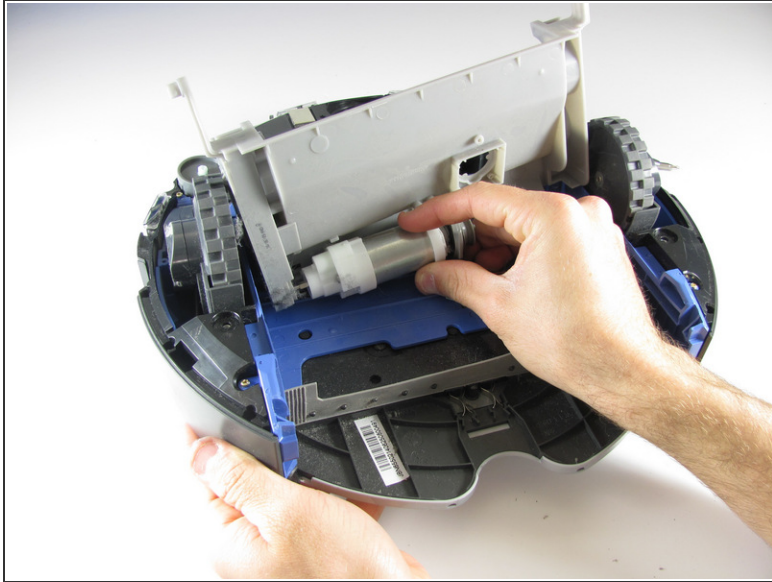
- Unscrew the two screws - 6mm attaching the green circuit board protector with your Phillips head #0
- Unscrew the one screw - 6mm attaching the circuit board to access the circuit board with your Phillips head #0

Step 7



- These rubber rings protect the motor circuit board from dust accumulated in the Roomba.
⚠ Do not lose these rubber rings
- Remove the two - 7mm screws that connect the motor to the grey plastic protector. Use a Phillips head #0 this time

Step 8



- To remove the motor, simply pull it out gently from the plastic brush holder.
- These parts are soldered onto the blue frame

To reassemble your device, follow these instructions in reverse order.

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